

# INEEL Concealed Weapons Detection Project



*The INEEL Concealed Weapons Detection Project is sponsored by the National Institute of Justice. Development work has been performed at the North Holmes Laboratory Facility, Engineering Research Office Building, and the Bannock County, Idaho Courthouse*

## **Research area or activity:**

- Threat detection systems and analysis using magnetic flux field sensors and signal processing software development.

## **List of NS projects supported:**

- DOJ Concealed Weapons Detection Project
- Critical Infrastructure Protection Initiative

## **Relationship to Institutional Plan:**

- Supports National Security's strategic objective in development of technology for counterterrorism
- Technology development for the Critical Infrastructure Protection Initiative

## **NS thrust area supported:**

- Critical Infrastructure Protection Programs
  - Physical Security

## **PEMP Relationship/Discussion:**

- 3.3.2.3 Apply five technologies to physical and cyber protection of DOE assets.

## **Benefits to INEEL:**

- Leveraged DOE Environmental Management research into meeting a national law enforcement need.
- Pilot installation at Bannock County Courthouse has been a showplace for an INEEL success in technology benefiting the public and local community
- Laboratory benefiting through technology transfer to other locations as well as having the technology applied on site. Two units operating in the New York City school system with excellent results.

## **Opportunities:**

- Additional technology development to improve rejection of non-threat items is being funded by the National Institute of Justice
- Technology transfer activities are providing new opportunities for collaboration in new systems development

## **Issues/Resolutions:**

- None